

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **LISTING OF CLAIMS:**

1. (Currently Amended) A set for measuring the linear strain of materials, comprising:

at least two measuring elements, which are fitted with measuring blades ~~with having respective parallel axes of the measuring blades, and which are~~ attachable to the measured material for measuring a linear strain of the measured material; and

a portable reading device ~~with the~~ having an impression surface made of a material with dimensional stability and strength lower than the strength of at least one the material of the measuring elements ~~and/or and~~ the portable measuring device, ~~featuring~~ wherein:

the measuring blades ~~being~~ are fitted with fixtures in ~~the center~~ a central region, and the measuring elements ~~being~~ are fitted with necks and a tapered end at ~~the~~ a bottom portion thereof; and

the measuring elements are attached to the surface of the measured material using a resin-based adhesive.

2. (Currently Amended) A measuring set according to claim 1, ~~featuring~~ wherein:

the measuring elements ~~being~~ are kept in a transport preparation, ~~comprising~~ which comprises a plotting board with holes for accomodating the measuring

elements, following the precision setting of parallelism of the axes of the measuring blades; and

the joint between the measuring elements and the transport preparation has a lower strength than the joint between the measuring elements and the measured material.

3. (Currently Amended) A measuring set according to claim 1, ~~featuring~~ wherein the measuring elements ~~being~~ are placed in the shape of a rosette on the measured material.

4. (Currently Amended) A measuring set according to claim 1, ~~featuring~~ wherein the measuring elements are provided with an adapter for the alignment of the reading device with the measuring elements at the measured material.

5. (Currently Amended) A measuring set according to claim 1, ~~featuring~~ wherein the transport preparation ~~comprising~~ comprises a plotting board, ~~the~~ whose ends ~~of which~~ are bent upward.

6. (Currently Amended) A measuring set according to claim 1, ~~featuring~~ wherein the transport preparation ~~being~~ is in the shape of a bail, and is fitted with surfaces for the ends of the measuring elements ~~at its ends~~, and a portable reading device comprising a similar bail with an impression surface, is placed at ~~its~~ the ends of the similar bail.

7. (Currently Amended) A measuring set according to claim 1, ~~featuring~~  
further comprising a device for the remote transmission of the measured data to the  
reading device.

8. (New) A measuring set according to claim 1, wherein the measuring  
blades are configured to measure a linear stress of the measured material based on  
an impression of the location of the measuring blades impressed into impression  
surface of the portable reading device.